

Meeting Minutes

[REROUTE – Group 16]

Meeting Minutes

Date: [02/21/2025]

Time: [10:00 am]

Location: [Virtual Platform, Discord]

Facilitator/Chairperson: [Travis]

Note Taker: [Andrew Pauls]

1. Attendance

Present:

- [Cole Corbett - Developer]
 - [Cam Carvalho– Developer]
 - [Tristan Arana Charlebois – Developer]
 - [Jordan Wallace - Developer]
 - [Turner Kassie – Scrum Master]
 - [Andrew Pauls – Product Owner]
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2. Agenda Overview

(List key discussion topics in order of the agenda)

1. [Sprint Review]
2. [Sprint Planning]

3. Discussion & Key Points

Topic 1: [Sprint Review]

- **Summary:** [All team members highlighted the work they had done during Sprint 2.]
- **Work Showcased:**

[Jordan: Showed how location markers are ‘reordered’, once the GA returns the new ordered list of locations (the optimal path to hit nodes).]

[Cam: Showed how to compile and build local instance of GA, so that if he turned off his server, which was hosting the Middleware, we could continue using the complete product (He had also connected frontend to backend with RabbitMQ, which facilitated message passing).]

[**Tristan:** Showed his password salting and hashing protocol. Demonstrated new login logic to check the user password to the hashed version in the db]

[**Andrew:** No software commits.]

[**Cole and Travis:** Showcased their fully working single TSP algorithm. Showed it's performance (time to compute) for different sized routes (the largest being hundreds of stops). They showcased their graph which displayed the point of convergence for finding the optimal route. Showed on console the time their software (with the use of GraphHopper) projected a route to take to drive, and its distance, in comparison with Google maps' best prediction. The two values were nearly identical.]

Topic 2: [Sprint Planning]

- **Summary:** With Sprint 2 being complete, tasks for Sprint 3 were delegated and briefly discussed.
- **Decisions Made:** Sprint 3 to commence February 28.

Cole and Travis: To begin work on Multi-TSP. It is not expected to be completed, but it is to begin construction.

Cam: No Expectations. At this point, he had done so much work we said take it easy for a few days.

Jordan: To begin route line drawing between locations (Route Visualization). To upload custom logo into dashboard.

Tristan: To eliminate the not-needed pages from Dashboard (Analytics, Solutions, Settings) To test the DB by cross-referencing the DB values to what gets displayed on frontend. To work with Andrew on the design of saving / reloading routes.

Andrew: To design saving / reloading of routes architecture. To plan the credits system.

Travis: To finalize and submit first Prog. Report

- **Action Items: [1]** [Create, Hand in Project Proposal]

5. Additional Notes / Other Business

- Progress Report Due Feb 23
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6. Next Meeting Details



Date & Time: [Feb 25, 2025 at 10:00]



Location: [Schmon Tower 5th Floor Group Study or via virtual link]



Key Topics for Next Meeting:

1. [Recent Progress]

2. [Moving Forward]

 **Meeting Adjourned at:** [11:10 a.m.]

 **Minutes Prepared By:** [Andrew Pauls]